## EAST Search History

## EAST Search History (Prior Art)

| Ref# | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|--------------------|---------------------|---------|---------------------|
| L1   | 0    | (portable mobile) adj<br>server same (network adj<br>server) same biometric  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L2   | 1    | (portable mobile) adj<br>server same (network adj<br>server) and biometric   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L3   | 2    | (portable mobile) adj<br>server same biometric   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L4   | 1    | (portable mobile) adj<br>server same network same<br>local same ((mobile<br>wireless portable cell\$4<br>handheid) adj (phone<br>telephone terminal station<br>unit device)) and<br>(fingerprint biometric)<br>same encrypt\$3 | US-PGPUB;<br>USPAT | OR .                | OFF     | 2011/01/29<br>21:00 |
| L5   | 1    | "10584118"   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L6   | 2891 | (mobile portable) adj2<br>server near10 (network)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L7   | 2    | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3) near5<br>encrypt\$3  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L8   | 3936 | (mobile portable) adj2<br>server same ((portable<br>wireless cells4 handheld<br>mobile) adj (phone<br>telephone terminal unit<br>device station client))   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L9   | 26   | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L10  | 0    | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3) same<br>aunthenticat\$3  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |
| L11  | 0    | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3) and<br>(biometric fingerprint\$3)<br>same aunthenticat\$3  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2011/01/29<br>21:00 |

| L12 | 17      | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3) and<br>(biometric fingerprint\$3)<br>same authenticat\$3  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
|-----|---------|---|--------------------|-------|-----|---------------------|
| L13 | 14      | (mobile portable) adj2<br>server same (biometric<br>fingerprint\$3) same<br>authenticat\$3  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L14 | 8       | L6 and L13  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L15 | 2       | (mobile portable) adj2<br>server near25 USB near25<br>((portable wireless cell\$4<br>handheld mobile) adj<br>(phone telephone terminal<br>unit device station client))                          | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L16 | 4621920 | @ad<"20031225"  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L17 | 1       | L14 and L16   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L18 | 311     | (mobile portable) adj2<br>server same (network adj<br>(server means))   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L19 | 430     | (mobile portable) adj2<br>server same (network adj2<br>(server means))  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L20 | 1       | (mobile portable) adj2<br>server same (network adj2<br>(server means)) same<br>biometric same authenticat<br>\$   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L21 | 6       | (mobile portable) adj2<br>server same (network adj2<br>(server means)) and<br>biometric same authenticat<br>\$  | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L22 | 0       | L16 and L21   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L23 | 0       | L16 and L10   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L24 | 112     | L16 and L19   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |
| L25 | 237     | (mobile portable) adj2<br>server same (network adj2<br>(server means)) same<br>((portable wireless cell\$4<br>handheld mobile) adj<br>(phone telephone terminal<br>unit device station client)) | US-PGPUB;<br>USPAT | ···OR | OFF | 2011/01/29<br>21:00 |
| L26 | 112     | L16 and L24   | US-PGPUB;<br>USPAT | OR    | OFF | 2011/01/29<br>21:00 |

| L27 | 1   | (mobile portable) adj² server same (network adj² (server means)) same ((portable wireless cell\$4 handheld mobile) adj (phone telephone terminal unit device station client)) and (mobile portable) adj² server same biometric same authenticat\$3 | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|-----|-----|--|--------------------|----|-----|---------------------|
| L28 | 5   | (mobile portable) adj2<br>server same (network adj2<br>(server means)) same<br>((portable wireless cell\$4<br>handheld mobile) adj<br>(phone telephone terminal<br>unit device station client))<br>and biometric same<br>authenticat\$3            | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L29 | 0   | L16 and L28  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L30 | 27  | (mobile portable) adj2<br>server same (network adj2<br>(server means)) same<br>((portable wireless cell\$4<br>handheld mobile) adj<br>(phone telephone terminal<br>unit device station client))<br>and biometric                                   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L31 | 3   | L16 and L30  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L32 | 100 | (mobile portable) adj2<br>server near25 (network<br>adj2 (server means))<br>near25 ((portable wireless<br>cell\$4 handheld mobile)<br>adj (phone telephone<br>terminal unit device station<br>client))   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L33 | 27  | L16 and L32  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L34 | 320 | (mobile portable) adj2<br>server near15 (authenticat<br>\$3 password)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L35 | 5   | L33 and L34  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L36 | 1   | (mobile portable) adj<br>server same (network adj2<br>(sørver means)) same<br>((portable wireless cell\$4<br>handheld mobile) adj<br>(phone telephone terminal<br>unit device station client))<br>same authenticat\$3                              | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L37 | 41  | (mobile portable) adj<br>server near15 (authenticat<br>\$3 password)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|-----|-----|--|--------------------|----|-----|---------------------|
| L38 | 9   | (mobile portable) adj<br>server near25 (network<br>adj2 (server means))<br>near25 ((portable wireless<br>cell\$4 handheld mobile)<br>adj (phone telephone<br>terminal unit device station<br>client))                  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L39 | 3   | L16 and L38  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L40 | 0   | ((portable mobile) adj<br>network adj server) same<br>control\$4 and (authoriz\$5<br>authenticat\$3) near4<br>(user) same (fingerprint\$3<br>biometric\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L41 | 0   | ((portable mobile) adj<br>network adj server) and<br>(authoriz\$5 authenticat\$3)<br>near4 (user) same<br>(fingerprint\$3 biometric\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L42 | 0   | ((portable mobile) adj<br>network adj server) and<br>(authoriz\$5 authenticat\$3)<br>same user same<br>(fingerprint\$3 biometric\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L43 | 0   | ((portable mobile) adj<br>network adj server) and<br>(authoriz\$5 authenticat\$3)<br>same (fingerprint\$3<br>biometric\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L44 | 1   | "20030214779"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L45 | 329 | ((mobile wireless handheld<br>cell\$4 portable laptop) adj<br>(computer device terminal<br>station unit phone<br>telephone)) same ((mobile<br>portable) adj server)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L46 | 3   | ((mobile wireless handheld<br>cell\$4 portable laptop) adj<br>(computer device terminal<br>station unit phone<br>telephone)) same ((mobile<br>portable) adj server) and<br>(portable mobile) adj<br>network adj server | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L47 | 329 | ((mobile wireless handheld<br>cell\$4 portable laptop) adj<br>(computer device terminal<br>station unit phone<br>telephone)) same ((mobile<br>portable) adj server) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|-----|-----|---|--------------------|----|-----|---------------------|
| L48 | 105 | L47 and (mobile portable)<br>adj server near15<br>(network)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L49 | 1   | L48 and (mobile portable)<br>adj server near10<br>(fingerprint\$3 biometric)  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L50 | 11  | portable adj server same<br>(network adj server)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L51 | 0   | L50 and (fingerprint\$3<br>biometric)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L52 | 1   | L50 and (fingerprint\$3<br>biometric authenticat\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L53 | 1   | "10584118"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L54 | 0   | (portable mobile) adj<br>server and (fingerprint<br>biometric) near5 (encrypt<br>\$3) same authenticat\$3<br>same server  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L55 | 6   | (portable mobile) adj<br>server and (fingerprint<br>biometric) same5 (encrypt<br>\$3) same authenticat\$3<br>same server  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L56 | 6   | (portable) adj server and<br>(fingerprint biometric)<br>same5 (encrypt\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L57 | 18  | (portable) adj server same<br>communication near10<br>network   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L58 | 10  | (portable) adj server same<br>communication near10<br>network and (fingerprint\$3<br>biometric authenticat\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L59 | 1   | (portable adj server) and<br>(network adj server) and<br>(local adj server)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L60 | 1   | (portable adj server) and (local adj server)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L61 | 0   | (portable adj server) and network adj means   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L62 | 44  | (portable adj server) and<br>network near5 process\$3   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L63 | 6   | (portable adj server) same<br>network near5 process\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L64 | 0       | (portable adj server) same<br>(fingerprint\$3 biometric)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|-----|---------|--|--------------------|----|-----|---------------------|
| L65 | 8       | (portable adj server) and (fingerprint\$3 biometric)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L66 | 26      | (portable adj server) and network adj server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L67 | 0       | L65 and L66  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L68 | 2       | (portable adj server) and<br>network adj server and<br>(fingerprint\$3 authenticat<br>\$3 password biometric)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L69 | 26      | (portable adj server) and network adj server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L70 | 21      | L69 and ((mobile wireless<br>portable cell\$4 handheld)<br>adj (phone telephone<br>terminal station unit<br>device)) same server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L71 | 0       | ad<"20031225"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L72 | 4621920 | @ad<"20031225"   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L73 | 5       | L70 and L72  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L74 | 19      | (portable mobile) adj<br>server and local adj server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L75 | 2       | L72 and L74  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L76 | 35      | (portable mobile) adj<br>server near10 (function\$5<br>interface process\$3)<br>near10 ((mobile wireless<br>portable laptop cell\$4<br>handheld) adj (phone<br>station terminal device unit<br>telephone phone<br>computer)) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L77 | 4621920 | @ad<"20031225"   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L78 | 10      | L76 and L77  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L79 | 26      | (portable mobile) adj<br>server and server adj<br>program  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L80 | 0       | (portable mobile) adj<br>server and server adj<br>program same (network)<br>near5 (function\$5<br>interface)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L81 | 0      | (portable mobile) adj<br>server and server adj<br>program same (network)<br>near5 (function\$5<br>interface)near15 network | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|-----|--------|--|--------------------|----|-----|---------------------|
| L82 | 0      | (portable mobile) adj<br>server and server adj<br>program same (network)<br>near5 (function\$5<br>interface)               | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L83 | 12     | (portable mobile) adj<br>server and server adj<br>program same (network)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L84 | 190    | (portable mobile) adj<br>server and network adj<br>server  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L85 | 26     | (portable mobile) adj<br>server same network adj<br>server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L86 | 5      | (portable mobile) adj<br>server same (software<br>harware) near5 (network)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L87 | 10     | (portable mobile) adj<br>server same (software<br>harware program) near5<br>(network)                                      | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L88 | 301    | network adj server adj<br>(software harware<br>program)  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L89 | 2      | network adj server adj<br>(software harware<br>program) and (portable<br>mobile) adj server                                | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L90 | 19     | (portable mobile) adj<br>server near25 network<br>near3 (program application<br>software)                                  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L91 | 7      | L77 and L90  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L92 | 427    | network adj server adj<br>function\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L93 | 154    | L77 and L92  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L94 | 1      | (portable mobile) adj2<br>server same network adj<br>server adj function\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L95 | 972107 | (portable mobile) adjserver<br>and network adj server adj<br>function\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L96 | 2      | (portable mobile) adj<br>server and network adj<br>server adj function\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L97  | 4       | (portable mobile) adj<br>server and network adj<br>server near2 function\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|------|---------|--|--------------------|----|-----|---------------------|
| L98  | 0       | (portable mobile) adj<br>server and local adj server<br>near2 function\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L99  | 19      | (portable mobile) adj<br>server and local adj server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L100 | 11      | (portable mobile) adj<br>server same local adj<br>server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L101 | 7       | L77 and L90  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L102 | 1       | (portable mobile) adj<br>server same local adj<br>server near3 (application<br>function\$5 hardware<br>software)   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L103 | 2       | (portable mobile) adj<br>server and local adj server<br>near3 (application function<br>\$5 hardware software)  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L104 | 4621920 | L77 and L77  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L105 | 2       | L77 and L100   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L106 | 515141  | (portable mobile) adj<br>server near15 (function\$5<br>program module process<br>\$3) near5 ((mobile<br>wireless portable cell\$4<br>handheld laptop) adj<br>(computer device unit<br>telephone terminal station<br>phone)) PC   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L107 | 43      | (portable mobile) adj<br>server near15 ((function\$5<br>program module process<br>\$3) near5 ((mobile<br>wireless portable cell\$4<br>handheld laptop) adj<br>(computer device unit<br>telephone terminal station<br>phone)) PC) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L108 | 14      | L77 and L107   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L109 | 25      | (portable mobile) adj<br>server same server adj<br>(function\$5) near10<br>(terminal device unit<br>phone telephone)   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L110 | 7       | L77 and L109   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |

| L111 | 58  | (portable mobile) adj<br>server same (software<br>program API) near5<br>(terminal device unit<br>phone telephone)                | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
|------|-----|--|--------------------|----|----|---------------------|
| L112 | 16  | L77 and L111   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L113 | 20  | (portable mobile) adj<br>server same (processing)<br>near2 (data information)<br>near5 (terminal device unit<br>phone telephone) | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L114 | 23  | (portable mobile) adj<br>server same (process\$3)<br>near2 (data information)<br>near5 (terminal device unit<br>phone telephone) | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L115 | 6   | L77 and L114   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L116 | 183 | local adj server near2<br>function\$5  | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L117 | 0   | local adj server near2<br>function\$5 same (portable<br>mobile) adj server   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L118 | 0   | local adj server near2<br>function\$5 and (portable<br>mobile) adj server  | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L119 | 1   | local adj server near2<br>(program\$5 software<br>module processor) same<br>(portable mobile) adj<br>server                      | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L120 | 0   | (mobile portable) adj<br>server same (fingerprint<br>biometric) near5 (match\$3<br>compar\$4)                                    | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L121 | 3   | (mobile portable) adj<br>server same (fingerprint\$3<br>biometric)   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L122 | 121 | (mobile portable) adj<br>server and (fingerprint\$3<br>biometric)  | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L123 | 56  | (mobile portable) adj<br>server and (fingerprint\$3<br>biometric) same server  | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L124 | 10  | (mobile portable) adj<br>server and (fingerprint\$3<br>biometric) near25 server  | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L125 | 1   | L77 and L124   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |
| L126 | 14  | L77 and L123   | US-PGPUB;<br>USPAT | OR | ON | 2011/01/29<br>21:00 |

| L127 | 1119    | ((mobile portable) ((mobile<br>portable) adj network)) adj<br>server   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
|------|---------|--|--------------------|----|-----|---------------------|
| L128 | 46      | i((mobile portable) ((mobile portable) adj network) adj server same (process\$3) near5 (data message document information) same ((mobile wireless portable cell\$4 laptop handheld) adj (computer terminal station unit device jphone telephone))                          | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L129 | 16      | L77 and L111   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L130 | 32      | ((mobile portable) ((mobile portable) adj network)) adj server same (process\$3) near2 (data message document information) same ((mobile wireless portable cell\$4 laptop handheld) adj (computer terminal station unit device jphone telephone))                          | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L131 | 14      | L77 and L130   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L132 | 13      | [((mobile portable) ((mobile portable) adj network) adj server same (process\$3) near2 (data message document information) same ((mobile wireless portable cell\$4 laptop handheld) adj (computer terminal station unit device phone telephone)) and ((network adj server) | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L133 | 2       | L77 and L132   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L134 | 516     | [(((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>same ((mobile wireless cell<br>\$4 portable handheld<br>laptop) adj (computer<br>device terminal unit station<br>phone telephone))   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L135 | 4621920 | @ad<"20031225"   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L136 | 147     | L134 and L135  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L137 | 67      | L136 and server near4<br>(function\$7)   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |

| L138 | 67  | L136 and server near4<br>(function\$7)   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
|------|-----|--|--------------------|----|-----|---------------------|
| L139 | 9   | L136 and server near4<br>(function\$7) and (server<br>same (fingerprint\$3<br>biometric))  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L140 | 1   | L136 and network adj<br>server adj function\$7   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L141 | 0   | (((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>and network adj server adj<br>finction\$7         | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L142 | 2   | ((((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>and network adj server adj<br>function\$7        | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L143 | 9   | ((((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>and network adj server<br>and (local adj server) | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L144 | 65  | ((((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>near5 compris\$3                                 | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L145 | 3   | (((mobile portable) adj<br>server) ((portable mobile)<br>adj (network adj server)))<br>near5 compris\$3 same<br>local                    | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L146 | 165 | (portable mobile) adj<br>network adj server  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L147 | 33  | L135 and L146  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L148 | 7   | L147 and authenticat\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L149 | 120 | (mobile portable) adj<br>server same ((personal adj<br>computer) PC)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L150 | 3   | (mobile portable) adj<br>server and (network adj<br>server) and (biometric<br>fingerprint\$3) same<br>authenticat\$3                     | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L151 | 5   | (portable adj server) and<br>network and usb same<br>power   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L152 | 100     | (portable adj server) and<br>(((mobile wireless cell\$4<br>portable handheld) adj<br>(phone telephone unit<br>station device terminal<br>computer)) (PC (personal<br>adj computer)))                      | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|------|---------|---|--------------------|----|-----|---------------------|
| L153 | 21      | (portable adj server) and (((mobile wireless cell\$4 portable handheld) adj ((phone telephone unit station device terminal computer)) (PC (personal adj computer))) and (local network) near2 function\$7 | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L154 | 13      | L135 and L153   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L155 | 7       | (mobile portable) adj<br>server same network adj<br>server and (hardware<br>software module function<br>\$7) near2 server   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L156 | 12      | (mobile portable) adj<br>server same network adj<br>server and (hardware<br>software module function<br>\$7) near2 server   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L157 | 4621920 | @ad<"20031225"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L158 | 9       | L156 and L157   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L159 | 11      | portable adj server same<br>authenticat\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L160 | 2       | L157 and L159   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L161 | 19      | portable adj server and<br>wireless and authenticat\$3  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L162 | 5       | L157 and L161   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L163 | 190     | ((portable mobile) adj<br>server) and (network adj<br>server)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L164 | 43      | L157 and L163   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L165 | 40      | L164 and (network near4<br>(connect\$3 communicat<br>\$3))  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L166 | 40      | L164 and (network near4<br>(connect\$3 communicat<br>\$3))  | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |

| L167 | 0       | (portable mobile) adj<br>server and network adj<br>server and server near5<br>usb near10 power   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|------|---------|--|--------------------|----|-----|---------------------|
| L168 | 0       | (portable mobile) adj<br>server and network adj<br>server and server near5<br>usb near10 power   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L169 | 1       | (portable mobile) adj<br>server same usb same<br>power   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L170 | 2       | "7549161"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L171 | 2       | "20030005336"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L172 | 37      | (portable adj (device<br>server)) same (biometric<br>fingerprint) and<br>(fingerprint biometric)<br>same (encrypt\$3) same<br>(public adj key) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L173 | 1       | "0042491"  | DERWENT            | OR | OFF | 2011/01/29<br>21:00 |
| L174 | 4621920 | @ad<"20031225"   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L175 | 11      | L172 and L174  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L176 | 2       | "20010043702"  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L177 | 4334    | 380/28   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L178 | 3405    | 455/556.2  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L179 | 2145    | 726/5  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L180 | 1       | "10584118"   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L181 | 102466  | ((portable mobile) adj<br>server) and messag\$3<br>ner3 API  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L182 | 18      | ((portable mobile) adj<br>server) and messag\$3<br>near3 API   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L183 | 123     | ((mobile portable wireless<br>cell\$4 handheld) adj<br>(phone telephone terminal<br>device unit station)) same<br>messaging adj API            | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L184 | 4   | ((mobile portable wireless<br>cell\$4 handheld) adj<br>(phone telephone terminal<br>device unit station)) same<br>messaging adj API and API<br>near25 (secure authenticat<br>\$3) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|------|-----|---|--------------------|----|-----|---------------------|
| L185 | 0   | ((portable mobile) adj<br>server) same API and (API<br>(application adj program\$4<br>adj interface)) same<br>service same memory<br>same (secur\$3 authanticat<br>\$3)           | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L186 | 4   | ((portable mobile) adj<br>server) same API and (API<br>(application adj program\$4<br>adj interface)) same<br>service same memory   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L187 | 9   | ((portable mobile) adj<br>server) same (API<br>(application adj program\$4<br>adj interface)) same<br>service   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L188 | 8   | ((portable mobile) adj<br>server) same (API<br>(application adj program\$4<br>adj interface)) and api<br>near10 service   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L189 | 18  | ((portable mobile) adj<br>server) same (API<br>(application adj program\$4<br>adj interface))   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L190 | 12  | (((portable mobile) adj<br>server) and (API<br>(application adj program\$4<br>adj interface)) near15<br>service near25 (database<br>memory storage)                               | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:00 |
| L191 | 226 | (portable mobile personal)<br>adj server same network<br>same ((mobile wireless cell<br>\$4 handheld portable) adj<br>(terminal unit station<br>device phone telephone))          | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L192 | 7   | L191 and API same<br>(memory database<br>storage) same (secure<br>authenticat\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| L193 | 228 | ((portable adj network adj<br>server) ((portable mobile<br>personal) adj server))<br>same network same<br>((mobile wireless cell\$4<br>handheld portable) adj<br>(terminal unit station<br>device phone telephone))  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
|------|-----|--|--------------------|----|-----|---------------------|
| L194 | 417 | ((portable adj network adj<br>server) ((portable mobile<br>personal) adj server))<br>same ((mobile wireless cell<br>\$4 handheld portable) adj<br>(terminal unit station<br>device phone telephone))   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L195 | 4   | ((portable adj network adj<br>server) ((portable mobile<br>personal) adj server))<br>same ((mobile wireless cell<br>\$4 handheld portable) adj<br>(terminal unit station<br>device phone telephone))<br>same API   | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L196 | 55  | ((portable adj network adj<br>server) ((portable mobile<br>personal) adj server))<br>same ((mobile wireless cell<br>\$4 handheld portable) adj<br>(terminal unit station<br>device phone telephone))<br>and API  | US-PCPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L197 | 31  | ((portable adj network adj<br>server) ((portable mobile<br>personal) adj server))<br>same ((mobile wireless cell<br>\$4 handheld portable) adj<br>(terminal unit station<br>device phone telephone))<br>and API same (secur\$4<br>authenticat\$3)              | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L198 | 31  | ((portable adj (information<br>network) adj server)<br>((portable mobile personal)<br>adj server)) same ((mobile<br>wireless cell\$4 handheld<br>portable) adj (terminal unit<br>station device phone<br>telephone)) and API same<br>(secur\$4 authenticat\$3) | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |
| L199 | 19  | ((portable adj (information<br>network) adj server)<br>((portable mobile personal)<br>adj server)) same API  | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:00 |

| <b>.</b> 200 | 3        | ((portable adj (information<br>network) adj server)<br>((portable mobile personal)<br>adj server)) same API and<br>API and memory same<br>execution | US-PGPUB;<br>USPAT | MOR | ON | 2011/01/29<br>21:00 |
|--------------|----------|---|--------------------|-----|----|---------------------|
| L201         | 5200     | memory near15 (execution<br>(operating adj system)<br>CPU) same (API<br>(application adj program\$4<br>adj interface))                              | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L202         | 326      | memory near15 (execution (operating adj system) CPU) same (API (application adj program\$4 adj interface)) same (secur \$3 authenticat\$3)          | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L203         | 2        | L202 and ((portable adj<br>(information network) adj<br>server) ((portable mobile<br>personal) adj server))   | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L204         | 8        | L201 and ((portable adj<br>(information network) adj<br>server) ((portable mobile<br>personal) adj server))   | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L205         | 8        | API near50 ((portable adj<br>(information network) adj<br>server) ((portable mobile<br>personal) adj server))                                       | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L206         | 21       | API same ((portable adj<br>(information network) adj<br>server) ((portable mobile<br>personal) adj server))   | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L207         | 17604    | messag\$3 same API  | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:00 |
| L208         | 2711     | messaging near25 API  | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:01 |
| L209         | 101      | messaging near25 API and (portable mobile) adj2 server  | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:01 |
| L210         | 26       | messaging near25 API and<br>(portable mobile) adj2<br>server and (storage stor\$3<br>memory) near25<br>instruction same (process<br>\$3 cpu)        | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:01 |
| L211         | 10690097 | messaging near25 API and (portable mobile) adj server a   | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:01 |
| L212         | 4621920  | @ad< "20031225"   | US-PGPUB;<br>USPAT | OR  | ON | 2011/01/29<br>21:01 |

| L213 | 6     | messaging near25 API and (portable mobile) adj server   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:01 |
|------|-------|---|--------------------|----|-----|---------------------|
| L214 | 3     | L212 and L213   | US-PGPUB;<br>USPAT | OR | ON  | 2011/01/29<br>21:01 |
| L215 | 15004 | 455/556.1 455/556.2<br>455/3.05 455/414.1               | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:04 |
| L216 | 55900 | 709/222 709/223 709/203<br>361/679.23 380/278<br>380/30 | US-PGPUB;<br>USPAT | OR | OFF | 2011/01/29<br>21:04 |

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